OOS OOO3 COSOOO 4 COSOO WATER S	OROO15, OOROO17 Systems included in this CCR
The Federal Safe Drinking Water Act (SDWA) requires each Comm Consumer Confidence Report (CCR) to its customers each year. Do system, this CCR must be mailed or delivered to the customers, publish customers upon request. Make sure you follow the proper procedures of electronic delivery, we request you mail or fax a hard copy of check all boxes that apply.	nunity public water system to develop and distribute a epending on the population served by the public water and in a newspaper of local circulation, or provided to the when distributing the CCR. Since this is the first year the CCR and Certification Form to MSDH. Please
Customers were informed of availability of CCR by: (Attac	ch copy of publication, water bill or other)
Advertisement in local paper (attach copy On water bills (attach copy of bill) Email message (MUST Email the message Other On Message Food	e to the address below)
Date(s) customers were informed: 6 1/9 1/20/3 /	6118.2031( Tol 077ice)
CCR was distributed by U.S. Postal Service or other demethods used	
Date Mailed/Distributed: / /	
CCR was distributed by Email (MUST Email MSDH a cop  As a URL (Provide URL  As an attachment  As text within the body of the email messa	
CCR was published in local newspaper. (Attach copy of pul	blished CCR or proof of publication)
Name of Newspaper: The Concentrated  Date Published: 6/19/20/3	Commonwealth
Date Published: <u>6/19/2013</u>	Pelucia
CCR was posted in public places. (Attach list of locations)	Ow Iding Date Posted: 6/10/01/3
CCR was posted on a publicly accessible internet site at the	following address ( <b>DIRECT URL REQUIRED</b> ):
CERTIFICATION I hereby certify that the 2012 Consumer Confidence Report (C public water system in the form and manner identified above the SDWA. I further certify that the information included in the water quality monitoring data provided to the public v Department of Health, Bureau of Public Water Supply.  Name/Title (President, Mayor, Owner, etc.)  P. R. W. A.	and that I used distribution methods allowed by his CCR is true and correct and is consistent with
Deliver or send via U.S. Postal Service: Bureau of Public Water Supply	May be faxed to: (601)576-7800
P.O. Box 1700 Jackson, MS 39215	May be emailed to: Melanie. Yanklowski(a)msdh.state.ms.us

MISSISSIPPI STATE DEPARTMENT OF HEALTH 2013 JUN 25 AM 8: 50
BUREAU OF PUBLIC WATER SUPPLY
CCR CERTIFICATION FORM
CALENDAR YEAR 2012
COLOR CONTROL CONTROL
Public Water Supply Name

## 2013 JUN 17 PM 2: 56

2012 Annual Drinking Water Quality Report Pelucia Rural Water Association, Inc. PWS#: 080003, 080004, 080015 and 080017 June 2013

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Tallahatta Formation and the Meridian Upper Wilcox Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Pelucia Rural Water Association have received a lower susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Charles Mims at 662.458.3762. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Monday of each month at 6:00 PM at the Pelucia office building located at 682 CR 23, Greenwood, MS 38930.

We routinely monitor for contaminates in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2012. In cases where monitoring wasn't required in 2012, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

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Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

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PWSID #	008000	3		TEST RESU	ILTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure- ment	MCLG	MCL	Likely Source of Contamination
Inorganic (	Contami	nants						
10. Barium	N	2011*	.046	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
	N	2009/11*	1	0	ppb	0	AL≂15	Corrosion of household plumbing

Chlorine	N	2012	.8	.89	mg/l	0	MRDL = 4	Water additive used to control
								microbes

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detect or # of Samples Exceeding MCL/ACL		MCLG	MCL.	Likely Source of Contamination
Inorganic	Contam	inants						
10. Barium	N	2011*	.044	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2011*	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2009/11*	1	0	ppb	Ö	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Volatile C	)rganic (	Contamir	iants					
76. Xylenes	N	2012	.0008	No Range	ppm	10	10	Discharge from petroleum factories; discharge from chemica factories
Disinfecti	on By-Pr	oducts						
Chlorine	N :	2012 .8	8.	9	ng/l	0 MR		Water additive used to control microbes

PWS ID#			-	TEST RESU		1	1		
Contaminant	Violatior Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL		MC	LG	MCI	L Likely Source of Contamination
Inorganie	e Contan	ninants							
10. Barium	N	2011*	.047	No Range	ppm		2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2011*	.1	0	ppm		1.3	AL=	1.3 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
15. Cyanide	N	2011*	57.77	No Range	ppb		200	2	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
17. Lead	N	2009/11*	2	0	ppb		0	AL≃	15 Corrosion of household plumbing systems, erosion of natural deposits
Disinfecti	on By-Pi	roducts			•				
81. HAA5	N	2011* 2	! N	o Range p	pb	0		60	By-Product of drinking water disinfection.
Chlorine	N	2012 .6	. f	58 r	ng/l	0	MRD	)L = 4	Water additive used to control microbes

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL		MCLG		MCL	Likely Source of Contamination
Inorganic	Contam	inants							
10. Barium	N	2011*	.044	No Range	ppm	2		discharge fro	f drilling wastes; om metal refineries; atural deposits
14. Copper	N	2009/11*	.3	0	ppm	1.3	AL=1	systems; ero	household plumbing osion of natural oching from wood s
17. Lead	N	2009/11*	1	0	ppb	0	AL=	I	household plumbing sion of natural
Disinfection	on By-Pr	oducts							
Chlorine		2012 .8	.8	9 r	ng/l	0 MF	RDL = 4	Water additive u	sed to control

<sup>\*</sup> Most recent sample. No sample required for 2012.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

## \*\*\*\*\*April 1, 2013 MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has completed the monitoring requirements and is now in compliance with the Radionuclides Rule. If you have any questions, please contact Karen Walters, Director of Compliance & Enforcement, Bureau of Public Water Supply, at 601.576.7518.

The Pelucia Rural Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

## PROOF OF PUBLICATION

See attached

STATE OF MISSISSIPPI, CITY OF GREENWOOD.	,Y
LEFLORE COUNTY 2012 HIN 25 AM 8: 50	
Before me, Francisco VIII JUN 25 AM 8: 50	Notary Public,
Clerk of the Greenwood Commonwealth, a newspaper publish	
was published in said newspaper for	
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PWS ID #	008000	3		TEST RESU	LIS			,
Contaminant	Violation Y/N	Date Collected	Level Defected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure- ment	MCLG	MCL	Likely Source of Contamination
Inorganic (	Contam	inants						
10. Barlum	N	2011*	.046	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries;
								erosion of natural deposits

							DANS LOVE	2.0	50,000	to the first and	200	120 4545	2000	- %
Chlorine	N	2012	.8.	.89	mg/l	0	MRDL	= 4	Water a	idditive i 38	ised to	control		

Conteminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure- ment	MCLG	MCL	Likely Source of Contamination
lnorganic	Contam	inants		. \$4	r Notae (1968)	, , 11.72 -	i gerije	g to the second section of the last
lo. Barium	N	2011*	.044	No Range	ppm	2	2	Dischärge of drilling wastes; discharge from metal refineries; erosion of natural deposits
4. Copper	N	2011*	.2	O	ppm	1.3	AL≃1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservetives
7. Lead	N	2009/11*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Volatile O	rganic C	Contami	ants			<u> </u>	<u></u> i	
76. Xvienes	N	2012	.0008	No Range	moq	10	10	Discharge from petroleum

76. Xylenes	N		2012		.0008	1	No Range			ppn		******	10	•	10	Discharge from petrolaum factories; discharge from chemic factories
Disinfect	ion By-	·Pr	odue	ts					<del></del> 1.	**********	<b>—</b> 4.					I MACOS RES
Chlorine	N	T	2012		8	T	8 ~ .9	7	mg/l	$\top$		T	MRDL	<b>= 4</b>	V	Vater additive used to contro!
										l		<u></u>			Τū	nkcrobes
PWS ID#	: 0080	)15	5				TEST RES	SU	LT	S						
Contaminant	Violat Y/N	lon	Date Collect		Leve Detec	э	Range of Det or # of Samp Exceeding MCL/ACL	ects les	M	Unit asura- ment		ACI.	G	MCI		Likely Source of Contamination
Inorganic	Conta	mi	nants	3										,,-		
10. Barlum	N		2011*		.047		No Range		ppn	1	T		2		2	Discharge of drilling wastes; discharge from metal refineries;
14. Copper	N		2011*	~	.1		0		ppn	}		1	.3 A	L,=1	.3	erosion of natural deposits Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
15. Cyanide	N		2011*		57.77		No Range		ppb			20	х	200		Discharge from steel/metal factories; discharge from plastic and fartilizer factories
			2009/11		2		0		ppb				0 /	L=1	5	Corrosion of household plumbing systems, erosion of natural deposits
Disinfectio	n By-I		ducts													
hiorine	"  N	20		.2			Range	pp			0		6	ō	By- disi	Product of drinking water infection.
***************************************	<u> </u>	20	<u>'</u>	.6		.5	8	mg	y/I		a	N	RDL »	4	Wa	ster additive used to control probes
PWS ID#:	ባስደሰበ	17							*********			,				
Contaminant	Violatio	<u></u>	Date	٦	Level		EST RES			***	TE	<del></del>	<del></del>			
	Y/N		Collecte	٩	Detecte		or # of Sample Exceeding MCL/ACL	\$	Mea	init Isure- ent	M	rG			N	ICL Likely Source of Contamination
norganic (	Contar	nin	ants								-				*****	
0. Barium	N	2	2011*		.044		No Range	7	ppm	·	Γ	-	2	_;	1	Discharge of drilling wastes; discharge from metal refrieries;
4. Copper	N.		009/11*		.3		0		ppm			1.3	AL	=1.3		erosion of natural deposits Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood
. Lead	N	2	009/11*	$\int$	1		0		ppb			0	AL	œ15		preservatives Corrosion of household plumbing systems, erosion of natural deposits
isinfection	By-P	roc	lucts										_			
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